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RT255 RT255L RT277 RT288 RT288L

REV. 1.0 ENGLISH

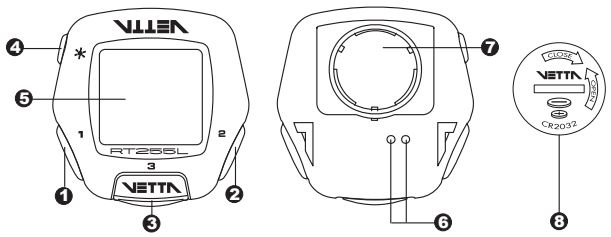
WARNINGS & CAUTIONS

Vetta's RT200 series are the upgraded version of all RT series cycle computers. It is recommended that these products are to be installed by a qualified bicycle retailer. Failure to read the instructions and/ or improper installation of the device may void the warranty. If you have any doubts about the installation or the operations, contact your local bicycle retailer for clarification.

FUNCTIONS / FEATURES

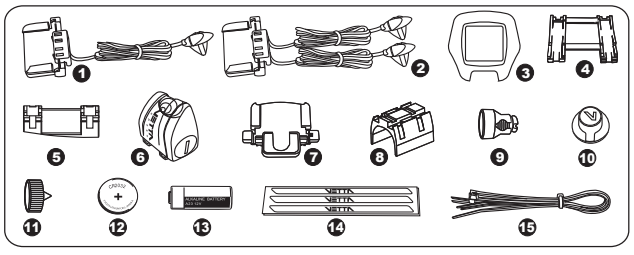
	RT255	RT255L	RT277	RT288	RT288L
Heavy Duty Metal Braided Cable	•	•	•		
Wireless Transmission				•	•
Replaceable Front Cover	•	•	•	•	•
Screen Display Window	3	3	3	3	3
NiteLite w/ SmartLite		•			•
EZ Tire Set	•	•	•	•	•
Service Timer	•	•	•	•	•
Speed Comparator	•	•	•	•	•
Auto Awake & Start-up	•	•	•		
Energy Efficient programmable Auto Start				•	•
Current Speed	•	•	•	•	•
Average/Maximum Speed	•	•	•	•	•
Ride Time	•	•	•	•	•
Cumulative Odometer	•	•	•	•	•
Trip Distance	•	•	•	•	•
Multi Freeze Frame Memory	11	16	11	11	16
Lap	10	15	10	10	15
Current/Average/Maximum Cadence			•		
12/24 Hour Clock	•	•	•	•	•

HEAD UNIT



1. Button ① 3. Button ③ 5. Main Display 7. Battery Compartment
2. Button ② 4. Button ④(RT255L/288L) 6. Contact Pins (RT255/255L/277) 8. Battery Cap

COMPONENTS



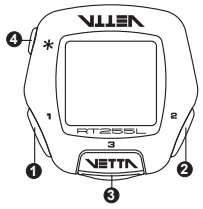
1. Wired Spd Sensor with Mounting Bracket (with Heavy Duty Harness)
2. Wired Spd & Cad Sensor with Mounting Bracket (with Heavy Duty Harness, for Rear Wheel Pick-up)
3. Extra Clear Front Cover
4. Bracket Rubber Pad
5. Bracket Rubber Pad (Riser Handlebar)
6. WL Wireless Speed Transmitter
7. Wireless Mounting Bracket
8. Wireless Transmitter Shim
9. Bladed Spoke Magnet
10. Composite Cadence Magnet
11. Spacer
12. Head Unit Battery (CR2032, 3-Volt)
13. Wireless Transmitter Battery (A23, 12-Volt)
14. Wire Securing Tape
15. Zip-Ties

RT255/255L includes: ❶ ❸ ❹ ❺ ❾ ⓫ ⓬ ⓮ ⓯
RT277 includes: ❷ ❸ ❹ ❺ ❾ ❿ ⓫ ⓬ ⓮ ⓯
RT288/288L includes: ❸ ❹ ❺ ❻ ❼ ❽ ❾ ⓫ ⓬ ⓭

LCD DISPLAY

1. Upper Display
2. Middle Display (Speed)
3. Lower Display
4. Service Timer/ Low Battery Icon
5. Speed Comparator Icon
6. Speed / Distance Units
7. Setup Mode Icon
8. Function Icons
9. RPM / RT/ PM/ TM Icon
10. Speed & Split Time Icon
11. Freeze Frame Memory Icon
12. Lap Icon
13. Auto Start Icon

BUTTON FUNCTIONS



Press momentarily
Button①: Upper Screen Modes
Button②: Lower Screen Modes
Button③: F-Button or Lap Button
Button④: NiteLite (RT255L/288L)

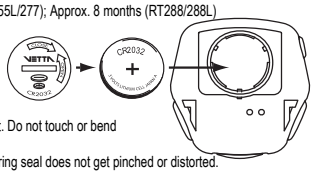
Press & hold for 2 seconds
Button③: Recall Freeze Frame Memories or Lap Data
Button① & ② when the lowest screen is in the CLK Mode: NOM Setup
Button①&② when the lowest screen is in the DST Mode: Reset ride data to zero including the Frozen screens or Lap data
Button①,② &③: All Clear Total Reset

BATTERY INSTALLATION

HEAD UNIT

The RT200 series Head Unit use CR2032, 3-Volt Lithium button Cell batteries.
Battery Run Time (1 hour training / day): Approx.12 months (RT255/255L/277); Approx. 8 months (RT288/288L)

Important: Most cycle computer problems are caused by weak or dead batteries. See the Trouble Shooting section near the end of the manual for details.

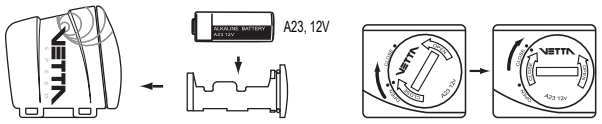


1. Remove the battery cap from the bottom of the Head Unit using a coin.
2. Install a new battery as shown with the positive (+) side facing out. Do not touch or bend any of the battery contacts during installation.
3. Screw the battery cap firmly into place and make sure that the O-ring seal does not get pinched or distorted.

Caution: To avoid damage to the battery cap, do not over tighten.

WL WIRELESS SPEED TRANSMITTER (RT288/288L)

The WL Wireless Speed Transmitter uses an A23, 12-Volt battery. Remove the battery compartment using a coin and install the battery in it with positive (+) side in, then replace the battery compartment.
Battery Run Time (1 hour training / day): Approx.10 months

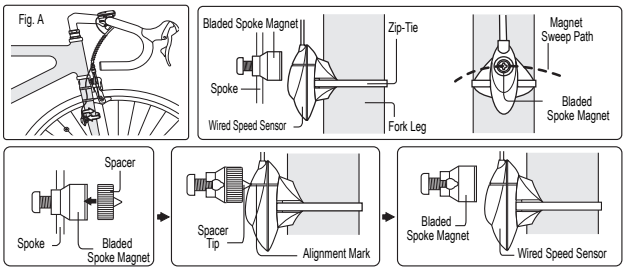


INSTALLATION

Important: Do not use Zip-Ties, use the tapes provided with the package to hold wires to the frame, fork, bars or stem to avoid damaging or cutting the wires accidentally. Make sure excess wire is taped down or wrapped around brake cable housing to secure it.

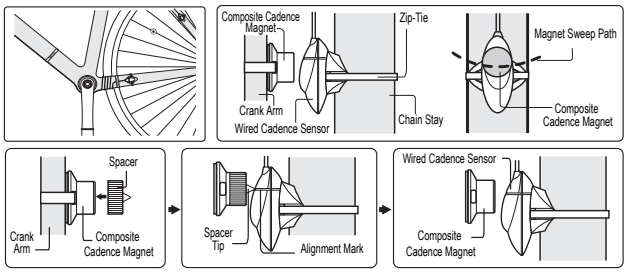
WIRED SPEED SENSOR & MAGNET (RT255/255L)

Attach the Wired Speed Sensor with the Zip-Tie supplied and tighten the Bladed Spoke Magnet to the bicycle. **Mounting the sensor as high up as on the fork leg.** (Fig. A) Adjust the sensor and magnet spacing with the Spacer. Remove the Spacer after snugging the Zip-Tie down to hold the sensor in its final position.



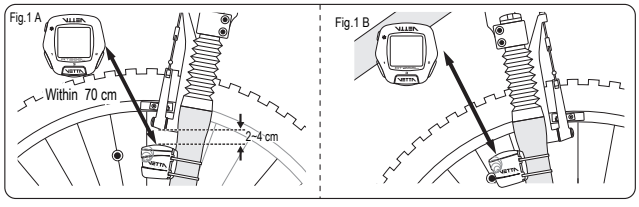
WIRED CADENCE SENSOR & MAGNET (RT277)

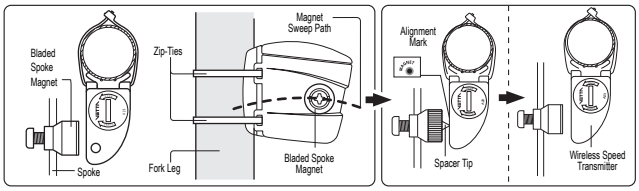
Attach the Wired Cadence Sensor & Composite Cadence Magnet with the Zip-Ties supplied to the bicycle. Adjust the sensor & magnet spacing with the spacer. Remove the Spacer after snugging the Zip-Ties down to hold the sensor in its final position.



WL WIRELESS SPEED TRANSMITTER & MAGNET (RT288/288L)

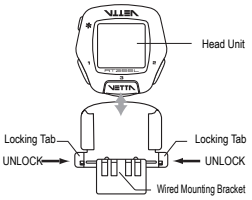
Tie the WL Wireless Speed Transmitter with Bracket Rubber Pad loosely by the Zip-Ties supplied to either in the front of the left fork leg (see Fig.1 A) or at the back of the right fork leg (see Fig.1 B). **For best signal reception, make sure the distance between the Transmitter and the Head Unit is within 70 cm. At the same time, the Transmitter should be 2 ~ 4 cm (or more) away from the brake, to avoid blocking transmission signals by the brake.** Adjust the transmitter and magnet spacing with the Spacer. Slide and rotate the transmitter until the alignment mark just touches the spacer tip on the magnet. Remove the Spacer after snugging the Zip-Tie down to hold the transmitter in its final position.





MOUNTING BRACKET & HEAD UNIT (RT255/255L/277/288/288L)

Attach Mounting Bracket & Bracket Rubber Pad to the handlebar on the "Sensor/Transmitter side" using the Zip-Ties provide. Adjust its position to your liking and tighten the Zip-Ties. **Note: Be sure to leave enough slack in the wire to accommodate the movement of fork and handlebars.** (See Fig. A)
Slide the Head Unit into the Mounting Bracket as shown until it clicks into position. Remove by pressing in the two locking tabs as shown. Secure wire with tape supplied and by winding it around cables.



INSTALLATION TESTS

Once installation is complete, the computer should be tested to make sure it is working properly.

To test the Speed Sensor/Transmitter installation:
Pick up the front of the bicycle and spin the front wheel. The LCD should display a speed- reading within 2-3 seconds.

To test the Cadence Sensor installation (RT277):
Advance the LCD to the CAD Mode using ① or ②. Turn the crank backwards or ride the bicycle a short distance. After a few revolutions, a cadence reading should display on the LCD.

If there is no speed-reading or cadence reading, check the alignment and spacing between the magnet and sensor/transmitter. Make sure that the Head Unit is completely locked into position. If these checks do not solve the problem, talk to an Authorized Vetta's Retailer or connect to **www.vetta.com**.

Important: Make sure the magnets locking screw and all Zip-Ties are properly tightened.

SETUP & PROGRAMMING

In Setup, Button ① is used to select or set a value and to advance to the next digit or Mode. Button ② is used to switch between settings and to increase values.

Initial Setup

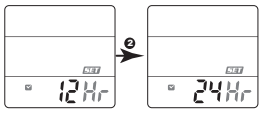
All RT200 series computers are programmed to enter the Initial Setup Mode after new battery replacement or all clear total reset (press ①, ② & ③ simultaneously for 3 seconds in any Mode).
In the Initial Setup, riders can program the Basic Settings for the computer, the content of settings are same as NOM Setup for Basic Setting.

Important: The computer CANNOT exit the Initial Setup Mode until all the Basic Settings are finished.

NOM Setup

After completed the Initial Setup, riders can change any values or correct any errors by re-entering the NOM Setup.
To enter the NOM Setup Mode press & hold ① & ② simultaneously when the lowest screen is in the CLK Mode. Press ③ any time to exit and advance to the previous Mode.

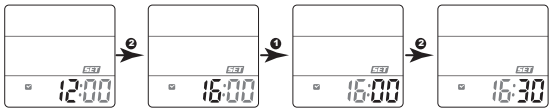
12/24 CLOCK RT 255|255L|277|288|288L



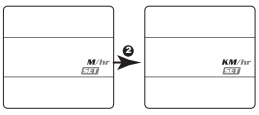
Press ② to toggle between flashing ***12*** and ***24*** hour formats. Press ① to select your desired format (without PM icon implies AM in 12 hour format) and advance to Time setting.

TIME RT 255|255L|277|288|288L

Press ② to advance hour digits to correct hour (hold button for rapid advance). Press ① to select and advance to minute setting. Press ② to advance minute digits to correct minute. Press ① to select and advance to the next Setup Mode.



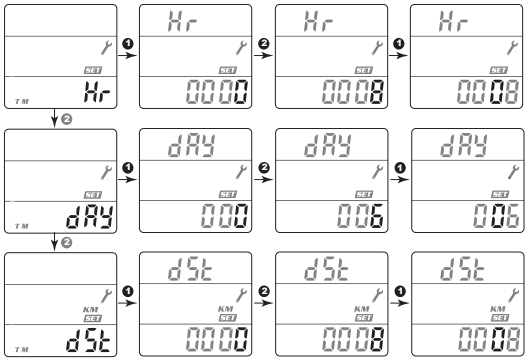
SPEED/ DISTANCE UNIT RT 255|255L|277|288|288L

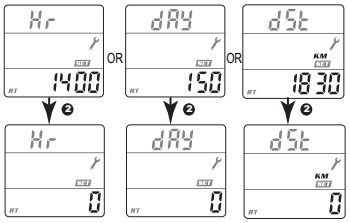


Press ② to toggle between flashing ***M/hr*** and ***KM/hr***. Press ① to select and advance to the next Setup Mode.
Note: Speed/Distance Unit cannot be changed if there have been ride data on screens. If you want to change the Unit, please make sure you had cleared all ride data before entering the NOM Setup Mode. This restriction does not apply to the Initial Setup after the 1st time battery installation, new battery replacement or All Clear Total Reset.

SERVICE TIMER RT 255|255L|277|288|288L

Service Timer could be programmed with a selected number of ride time (hours or days) or distance as the interval for servicing the bicycle or any component on it, such as a front or rear shock.
The default settings "0000" means the Service Timer is turned off.
Press ② to scroll flashing ***hr*** (hour), ***day*** or ***dst*** (distance) as the Service Timer unit. Press ① to select the desired Service Timer unit.
When the desired Service Timer unit has been chosen, press ② to scroll the flashing digit to the desired number. Press ① to select this number and advance to next digit. Repeat this procedure until all digits are selected. Press ① to advance the next Setup Mode. (Maximum settings: hour / day / distance = 1999 / 999 / 9999)



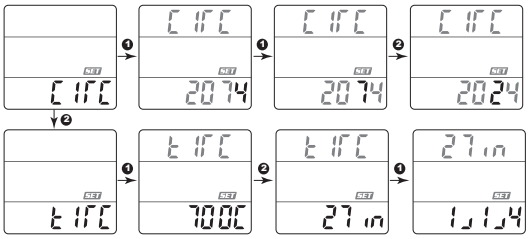


When the Ride Time (the elapsed time for Service Timer) or the elapsed distance begins to flash, press ② to reset to zero;
OR press ① to reserve the digits, and advance to the next Setup Mode.

Important:
In the Initial Setup, the elapsed time [distance] for Service Timer doesn't exist.

WHEEL/ TIRE SIZE RT 255|255L|277|288|288L

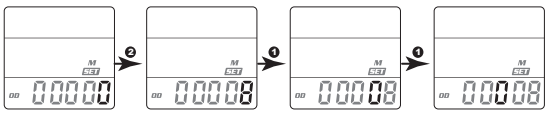
Press ② to toggle between flashing ***circ*** (circumference) and ***tire*** (tire type). Press ① to select the desired and advance the settings.
If pre-set to ***circ*** (see Table of Tire Size Vs Circ), press ② to scroll the flashing digit to the desired number. Press ① to select this number and advance to next digit. Repeat this procedure until all four digits are selected.
If pre-set to ***tire***, press ② to scroll the flashing ***700c, 650c, 27in, 26in, 24in, 20in*** or ***16in***. Press ① to select and advance to next setting to complete the Tire Size. Again, press ② to scroll and press ① to finalize the Tire Size and advance to the next Setup Mode.



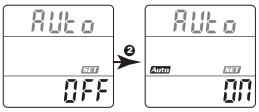
TIRE SIZE	CIRC	TIRE SIZE	CIRC	TIRE SIZE	CIRC	TIRE SIZE	CIRC
700c x 38mm	2180	700c x 20mm	2074	26" x 2.25"	2115	26" x 1.0"	1913
700c x 35mm	2168	700c Tubular	2130	26" x 2.1"	2095	24" x 1.9/1.95"	1916
700c x 32mm	2155	650c x 23mm	1990	26" x 2.0"	2074	20" x 1.25"	1618
700c x 30mm	2145	650c x 20mm	1945	26" x 1.9/1.95"	2055	16" x 2.0"	1253
700c x 28mm	2136	27" x 1.25"	2161	26" x 1.75"	2035	16" x 1.95"	1257
700c x 25mm	2124	27" x 1.125"	2155	26" x 1.5"	1985	16" x 1.5"	1206
700c x 23mm	2105	26" x 2.3"	2135	26" x 1.25"	1953		

ODOMETER RT 255|255L|277|288|288L

Press ② to scroll the flashing digit to the desired number. Press ① to select this number and advance to next digit. Repeat this procedure until all five digits are selected. Press ① to advance the next Setup Mode. (Maximum setting: 99999)



AUTO START RT288|288L

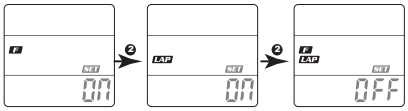


When Auto Start is On: The computer exit the Sleep Mode as soon as it receives the speed signal or any button is pressed.
When Auto Start is Off: To conserve battery run time, the computer will only exit the Sleep Mode when any button is pressed.
Press ② to toggle between flashing ***OFF*** or ***ON***. Press ① to select and advance to next Setup Mode.

Note: The icon Auto in the Normal Display Modes indicates the programmable Auto Start has been chosen.

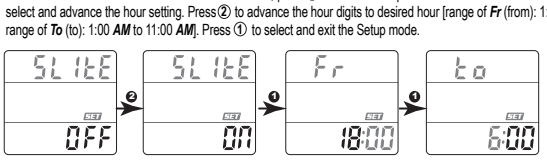
F or LAP RT 255|255L|277|288|288L

Press ② to scroll the flashing ***F*** (Freeze Frame Memory), ***LAP*** (Lap Data) and ***OFF*** (both of Freeze Frame Memory and Lap). Press ① to select and advance to next Setup Mode.
Note: The icon F or LAP in the Normal Display Modes indicates F or Lap has been chosen.



SMARTLITE RT 255L|288L

SmartLite will turn on the night light for 3 seconds between pre-set intervals when any button is pressed. Press ② to toggle between ***OFF*** and ***ON***. When SmartLite is set to ***OFF***, press ① to exit the Setup Mode. When SmartLite is set to ***ON***, press ① to select and advance the hour setting. Press ② to advance the hour digits to desired hour [range of ***Fr*** (from): 1:00 ***PM*** to 11:00 ***PM***; range of ***To*** (to): 1:00 ***AM*** to 11:00 ***AM***]. Press ① to select and exit the Setup mode.



FUNCTIONS

The types and number of Modes of the upper screen are same as the lower screen. Depending on users' habits, they can decide where to put the desired Modes either on the upper or lower screen.
Press ① to change the Upper Screen Modes.
Press ② to change the Lower Screen Modes.
To enter the NOM Setup Mode, press & hold ① & ② simultaneously for 2 seconds when the lowest screen is in the CLK Mode, Press ③ at anytime to exit.
To reset all ride data (DST, AVG SPD, MAX SPD, RT, AVG/CAD*, MAX/CAD*) to zero, press & hold ① and ② simultaneously for 2 seconds when the lowest screen is in the DST Mode. (* RT277 Only)

SPD RT 255|255L|277|288|288L

Speed is shown at all times on middle display. It is accurate to 0.1 M/hr or KM/hr and the maximum reading is 139.9 M/hr or 199.9 KM/hr.

RT RT 255|255L|277|288|288L

RT displays actual, cumulative ride time to 100 hour. [If the time is less than 9:59:59 hours, the display format will be h:mm:ss, eg. 0:09:59 means 9 minutes and 59 seconds. If the time is longer than 10 hours, the format will be hh:mm without seconds, eg 11:28 means 11 hours and 28 minutes]

Note: When the Ride Time exceeds 99 hours and 59 minutes, symbol **"E"** appears indicating that further measurement is impossible.

DST RT 255|255L|277|288|288L

DST displays trip distance of current ride to a maximum of 999.9 miles or kilometers. It is accurate to 0.1 Mile or KM.

Note: When the Trip Distance exceeds 999.9 miles [kilometers], symbol **"E"** appears indicating that further measurement is impossible.

AVG SPD RT 255|255L|277|288|288L

Average Speed is accurate to 0.1 M/hr or KM/hr.

Note: When the Ride Time exceeds 99 hours and 59 minutes, or the Trip Distance exceeds 999.9 miles [kilometers], symbol **"E"** appears indicating that further measurement is impossible.

MAX SPD RT 255|255L|277|288|288L

Maximum Speed is accurate to 0.1 M/hr or KM/hr.

Note: When the Ride Time exceeds 99 hours and 59 minutes, or the Trip Distance exceeds 999.9 miles [kilometers], symbol **"E"** appears indicating that further measurement is impossible.

CAD RT277

Cadence measures revolutions per minute (RPM) of the crank.

AVG CAD RT277

Average Cadence is calculated by dividing total revolutions of the crank by the total ride time.

Note: When the Ride Time exceeds 99 hours and 59 minutes or the Trip Distance exceeds 999.9 miles [kilometers], symbol **"E"** appears indicating that further measurement is impossible.

MAX CAD RT277

Maximum Cadence is updated once per second based on current Cadence readings.

Note: When the Ride Time exceeds 99 hours and 59 minutes or the Trip Distance exceeds 999.9 miles [kilometers], symbol **"E"** appears indicating that further measurement is impossible.

ODO RT 255|255L|277|288|288L

The odometer displays distance to 99999 Miles or Kilometers. It is accurate to 1.0 Mile or KM.

CLK RT 255|255L|277|288|288L

Clock is displayed in user-selected 12 or 24 hour formats.

OTHER FEATURES

SLEEP MODE RT 255|255L|277|288|288L

Computer enters Sleep Mode after 5 minutes without input from any buttons or wheel, and displays the clock only. Computer exits Sleep Mode and returns to the screen last displayed when any button is pressed or the wheel turns. (if the Auto Start is pre-set to OFF, RT288/288L can only exit the Sleep Mode when any button is pressed)

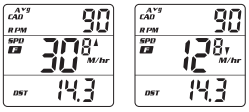
SMARTLTE RT 255L|288L

SmartLite will activate the NiteLite for 3 seconds between the user-defined period when any button is pressed. (see Section of SmartLite Setup)

SERVICE TIMER(🔧) RT 255|255L|277|288|288L

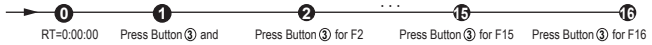
Blinking "🔧" alerts riders when the Service Time is reached.

SPEED COMPARATOR(▼▲) RT 255|255L|277|288|288L



Speed Comparator: Arrow symbols indicate if current speed is slower ▼ or faster ▲ than current average speed.

FREEZE FRAME MEMORIES (RT255/255L/277/288/288L)



RT=0:00:00 DST=0.0 Km | Press Button ③ and Store the Ride Data as F1 | Press Button ③ for F2 | Press Button ③ for F15 | Press Button ③ for F16

Example
Ride Time of F2: total ride time from point ⓿ to point ❷
Distance of F2: total distance from point ⓿ to point ❷
AVG/MAX Speed: average or maximum speed from point ⓿ to point ❷
AVG/MAX Cad: average or maximum cadence from point ⓿ to point ❷

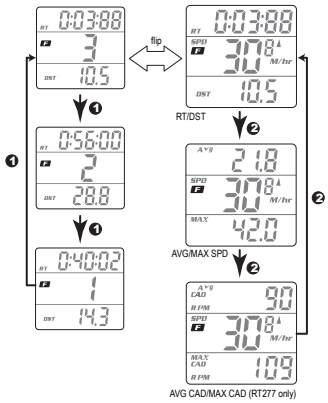
Recording Ride Data

Press ③ (if it has been pre-programmed to Freeze Frame Memories) at any time in any Normal Modes to record.
When recording the Frames, the icon F will flash and the F# will display on middle screen.
After the recording, screens of RT/DST, AVG SPD / MAX SPD, AVG CAD / MAX CAD* will turn on in sequence, then flip back to the previous Normal Display Mode.

Note:

1. The icon F indicates the Multi Freeze Frame Memories has been chosen.
2. Freeze Frames can only be recorded when the wheels turn.
3. It will not record new memory if ③ is pressed consecutively within 5 seconds.
4. New set of Freeze Frame cannot be recorded when in the Recall Mode.
5. Up to 11 (or 16 for RT255L/288L) sets of Freeze Frame (RT/DST, AVG SPD/MAX SPD, AVG CAD/MAX CAD*) can be stored. The computer will stop record new memory if it is more than 11/16 and the middle screen will show "**F**" with any further press of the button ③ .
6. If the Ride Time is longer than 99 hours and 59 minutes or the Distance is longer than 999.9 KM or Miles, the computer will stop recording new memory. The middle screen will show "**E**" with any further press of button ③.

(* RT277 Only)



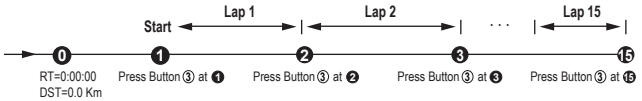
Reading Freeze Frame Memories

Press & hold ③ for 2 seconds in the any Mode to read the frozen ride data. The recall screens display the most recent set first. Flashing F indicates it is in the **F** recall screens. The middle digits flips between the F# & the recorded speed for every 2 seconds. Press ② momentarily to scroll the F ride data screens and press ① momentarily to scroll the F#.

Note:

1. If there is no frozen screen recorded, the middle digits will show "——".
2. To reset the Freeze Frame Memoires to zeros, press & hold ① & ② simultaneously when the lowest screen is in the DST Mode.
3. If no button is pressed for 1 minute the recall screen will return to the previous Normal Mode automatically.
4. Press & hold ② for 2 seconds to switch the **F** ride data screen to **Lap** screens (if there are 2 or more than 2 sets of frozen ride data). Flashing LAP indicates it is in the **LAP** recall screens. Press & hold ② again to change back. Press ③ to exit.

LAP FUNCTION (RT255/255L/277/288/288L)



Example
Lap Time of Lap 2: total ride time between point ❷ and point ❸
Lap Distance of Lap 2: total distance between point ❷ and point ❸
AVG Speed: average speed between point ❷ and point ❸
AVG Cad: average cadence between point ❷ and point ❸
Split Time: total time from point ⓿ to point ❸

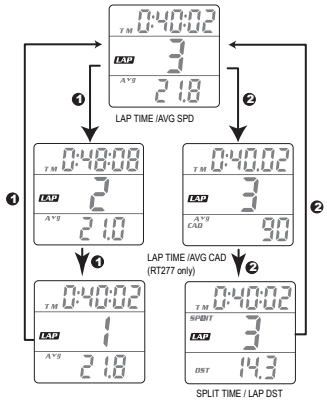
Recording Lap Data

Press ③ (if it has been pre-programmed to Lap function) at any time in any Normal Modes to record.
When recording the laps, the icon LAP will flash and Lap # will display on middle screen (the starting point of Lap 1 will be "Str").
After storing the data, screens of LAP TIME/AVG SPD, LAP TIME / AVG CAD*, SPLIT TIME / LAP DST will turn on in sequence, then flip back to the previous Normal Display Mode.

Note:

1. The icon LAP indicates the Lap function has been chosen.
2. Laps can only be recorded when the wheels turn.
3. It will not record a new lap if ③ is pressed consecutively within 5 seconds.
4. New Lap cannot be recorded when in the Recall Mode.
5. Up to 10 (or 15 for RT255L/288L) sets of Lap data (LAP TIME, AVG SPD, AVG CAD*, SPLIT TIME & LAP DST) can be stored. The computer will stop record new lap if it is more than 10. The middle screen will show "**F**" with any further press of the button ③ .
6. If the Lap Time or Split Time is longer than 99 hours and 59 minutes or the Lap Distance is longer than 999.9 KM or Miles, the computer will stop recording new lap. The middle screen will show "**E**" with any further press of the button ③ .

(* RT277 Only)



Reading Lap Data

Press & hold ③ for 2 seconds in the any Mode to read the frozen ride data. The **Lap** recall screens display the most recent set first. Flashing LAP indicates it is in the Lap recall screens. Press ② momentarily to scroll the Lap data screens and press ① momentarily to scroll the Lap #.

Note:

1. If there is no lap data recorded, the middle digits will show "——".
2. To reset the Lap data to zero, press & hold ① & ② simultaneously when the lowest screen is in the DST Mode.
3. If no button is pressed for 1 minute the recall screen will return to the previous Normal Mode automatically.
4. Press & hold ② for 2 seconds to switch the Lap screens to F ride data screens (if there are 2 or more than 2 sets of frozen ride data.) Flashing F indicates it is in the F recall screens. Press & hold ② again to change back. Press ③ to exit.

ALL CLEAR TOTAL RESET RT 255|255L|277|288|288L

All data entered in Setup Modes, as well as ride data (including the Multi Freeze Frame Memories and Laps), can be cleared by performing an All Clear Total Reset. To clear the computer, press ①, ② &③ simultaneously for 3 seconds in any Mode. The master screen will appear and show all segments, then automatically enter the Initial Setup Mode.

TROUBLE SHOOTING

- **Current speed-reading is erratic or does not appear.**
  Check the alignment of the bladed spoke magnet and sensor/transmitter, and the distance between the two components.
  Realign the magnet and sensor/transmitter with the spacer.
  OR Inspect the wiring for any breaks or kinks. Replace Mounting Bracket and sensor as needed. (RT 255/255L/277)
- **Incorrect data appears on screen during operation.**
  Accuracy of the Setup data may be a problem (wheel size setting, etc.).
  Review data in System Check mode and revise as needed.

- **Data display is extremely slow.**
  Computer LCD screen operates the best under the following temperature range:
  Operating range is: 0 ˚C to 50 ˚C or 32 ˚F to 122 ˚F.
- **Screen is dark and display erratic characters.**
  Do not leave the computer in direct sunlight for extended periods of time. Move the computer into the shade until the screen recovers.
  Noted: Data will not be affected.
- **Screen reading is weak or fading.**
- **Screen readings are erratic and read too high or too low.**
- **Screen "frozen", no response to buttons.**
  Symptom of a weak battery. Replace the battery.
- **No display whatsoever**.
  Battery is completely dead, or not installed. Replace or install the battery.

WARRANTY POLICY

ACUMEN INC. WARRANTS ALL **VETTA** (The Company) PRODUCTS AGAINST MANUFACTURER DEFECTS FOR A PERIOD OF 3 YEARS. Subject to the following limitations, terms and conditions, components will be free of manufacturing defects in materials and workmanship. The 3 year limited warranty is conditioned upon the components being used and operated in normal riding conditions. This warranty does not cover normal wear and tear (i.e. battery replacement, broken wire), rider abuse, acts of God, improper installation or product alteration.

This warranty is void if the components were not purchased (new) from or through an authorized VETTA retailer or dealer. Examples of unauthorized dealers are online auction sites or online retailers.

ACUMEN INC. at its sole discretion will repair or replace items at its own cost. Users are responsible for all freight and shipping charges, when returning items for warranty service.

ACUMEN INC. will pay the freight when returning serviced items, via USPS or UPS to consumers or dealers, once the item(s) has been repaired or replaced.

REQUIREMENTS FOR WARRANTY SERVICING

1. Prior to shipping an item back, you must first obtain a Return Authorization Number (s) (RA#). Each item being returned must have an individual RA#.
2. To obtain an RA #, you must either contact the retailer where the product was originally purchased from, or contact **VETTA** directly at customer service @ vetta.com.
3. For trouble shooting purposes, we request that the complete unit with packaging be returned to **ACUMEN INC**. unless otherwise stated by **VETTA** representative.

ITEMS TO BE INCLUDED IN RETURNS

1. The defective product(s)
2. A letter clearly stating the problem(s) with the returned item(s).
3. Copy of the original sales receipt showing proof of purchase date.
4. The Company is not responsible for loss or additional damages while in transit to **ACUMEN INC**.
5. Clearly mark the RA# on the outside of the return packaging. All items without an RA # will be refused and returned to the return address on the package.

The Company shall not be held responsible for replacing items with new items for greater than the amount of the original item purchase price. This limited warranty does provide the original owner with certain legal rights and recourse. The original owner may possess other rights or recourse, depending on the state or country. Please check the web to help answer any question and service manual.

ACUMEN INC CUSTOMER SERVICE CENTERS

Acumen Inc.

101A Executive Dr., Suite 100, Sterling, VA 20166, USA.

Acumen Europe BV

Splijtbakweg 117, 1333 HJ, Almere, The Netherlands.

Email: customerservice@vetta.com

Website: www.vetta.com